

## ABSTRACT

Integration of application programs, includes middleware, which is built by a system integrator from individual components, which are typically parameterizable, may come from disparate authors and environments, and may be used repeatably. Software build tools (for example compiler, assembler, linker, etc.) are used. A set of tags describes some parameters for software configuration. A specific configuration tool automatically reads configuration files, shows the system integrator choices, and builds the integrated program based on the system integrator's choices. In addition to configuring in a local environment, configuration may be in a distributed environment via the use of web servers and web browsers. Web browsers, which function as interfaces with the system integrator and the distributed environment, are independent of the particular components.